

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Koji SHIMAZAWA

Application No.: 09/899,951

Filed: July 9, 2001

For: MAGNETORESISTIVE EFFECT THIN-
FILM MAGNETIC HEAD

)
) Group Art Unit: Unassigned

)
) Examiner: Unassigned

SUBMISSION OF SUBSTITUTE FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts dated August 24, 2001, submitted herewith
are the substitute formal drawings in connection with the application identified above.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 

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Date: October 22, 2001

Fig. 1

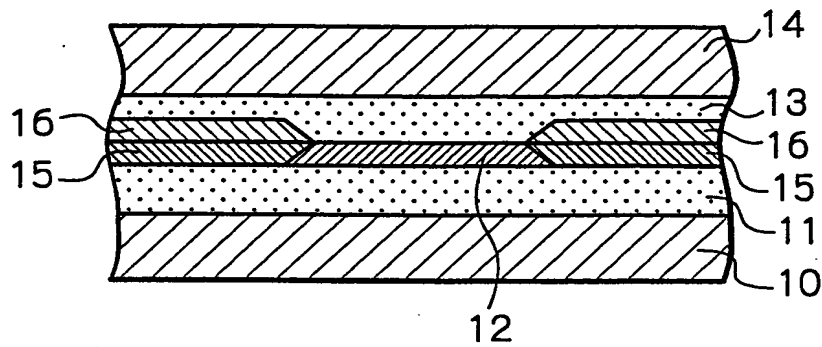


Fig. 2

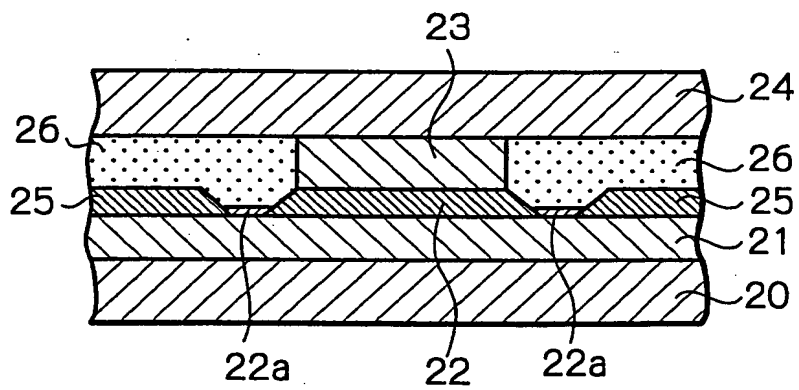


Fig. 3

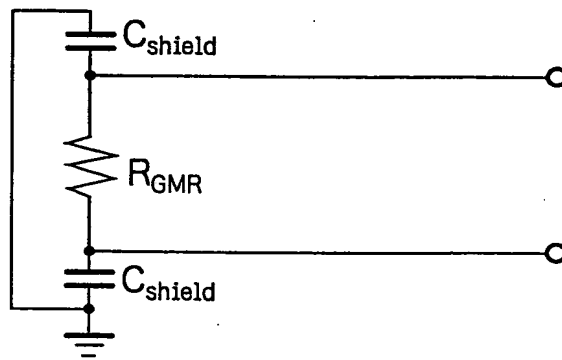


Fig. 4

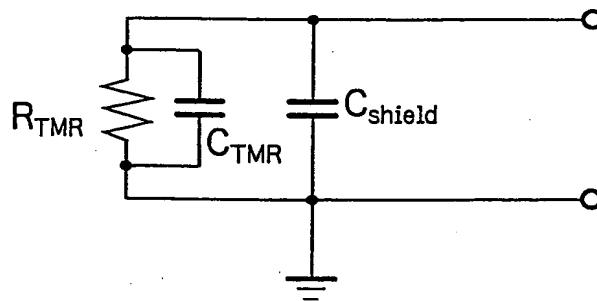


Fig. 5

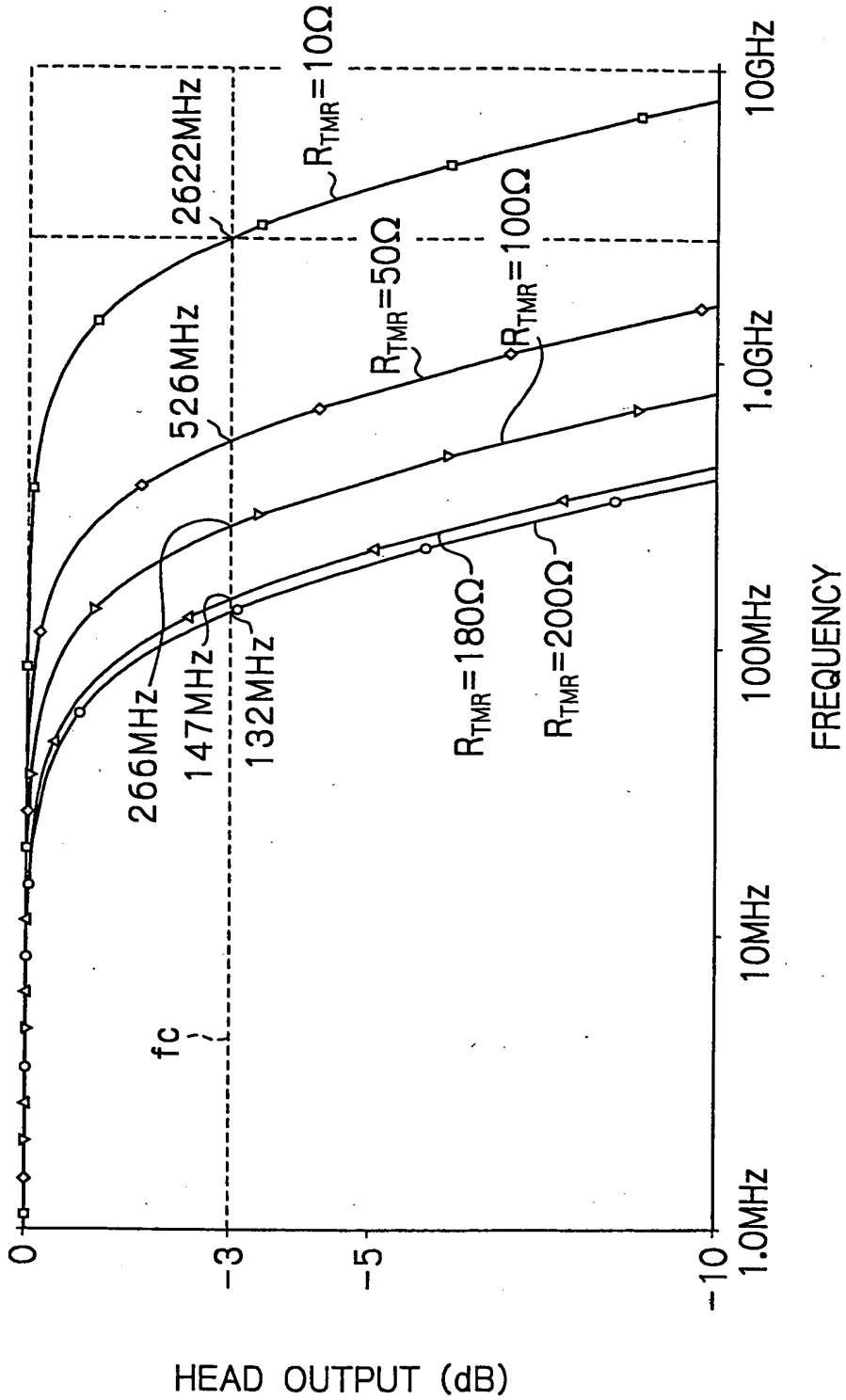


Fig. 6

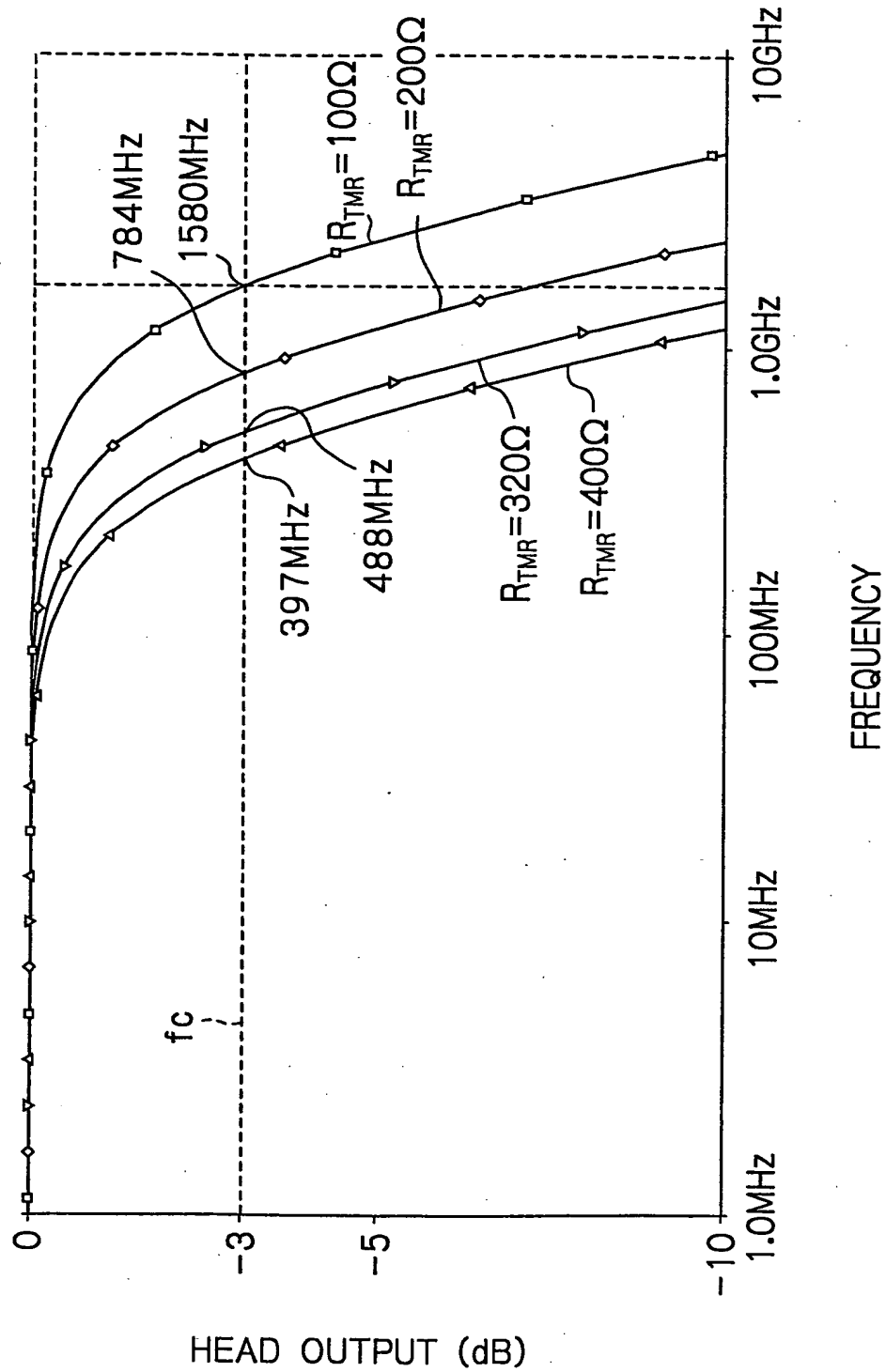


Fig. 7

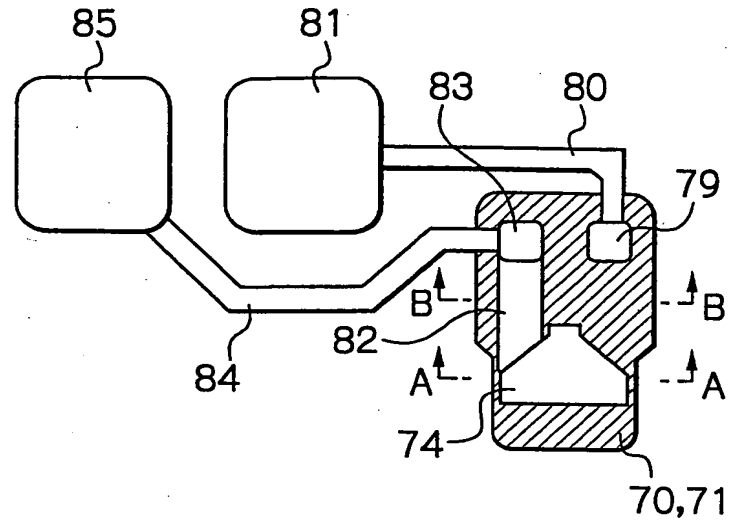


Fig. 8

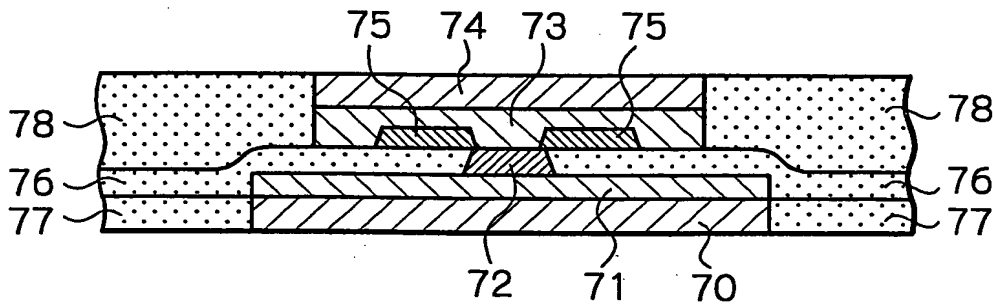


Fig. 9

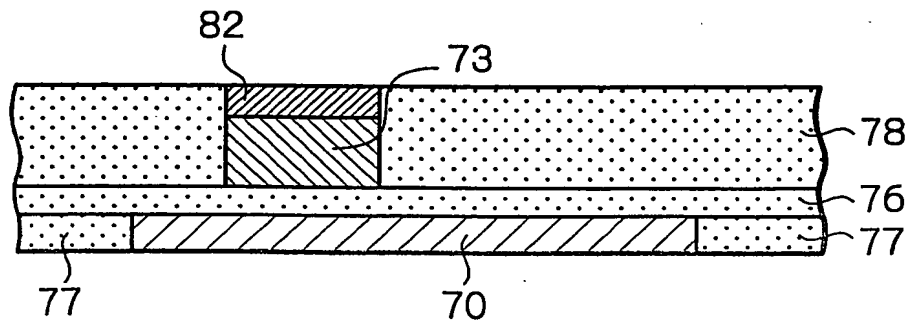


Fig. 10

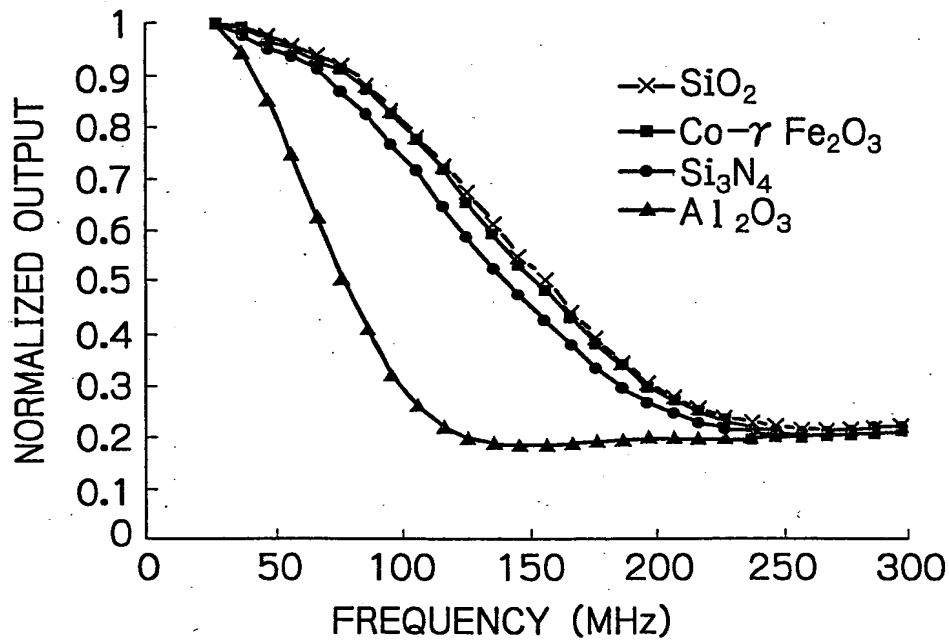
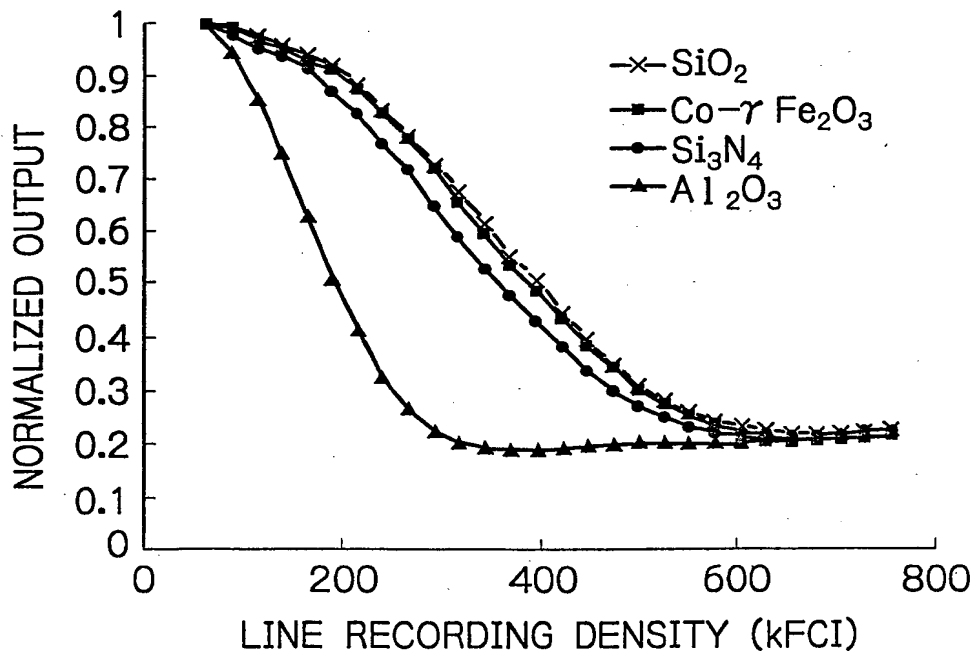
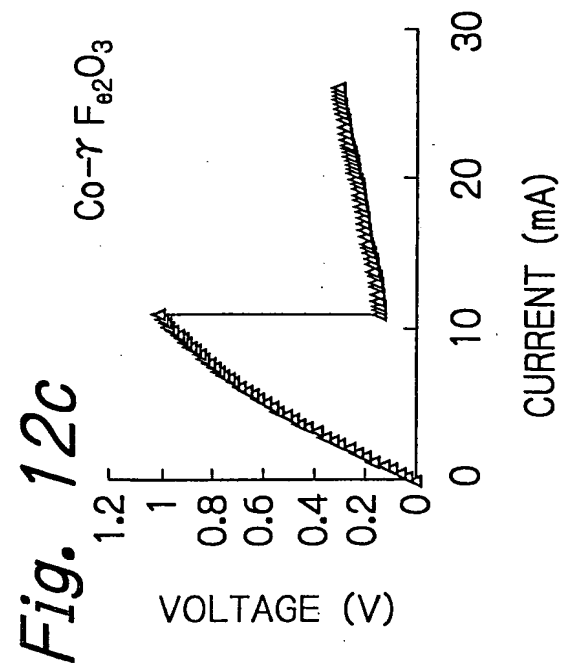
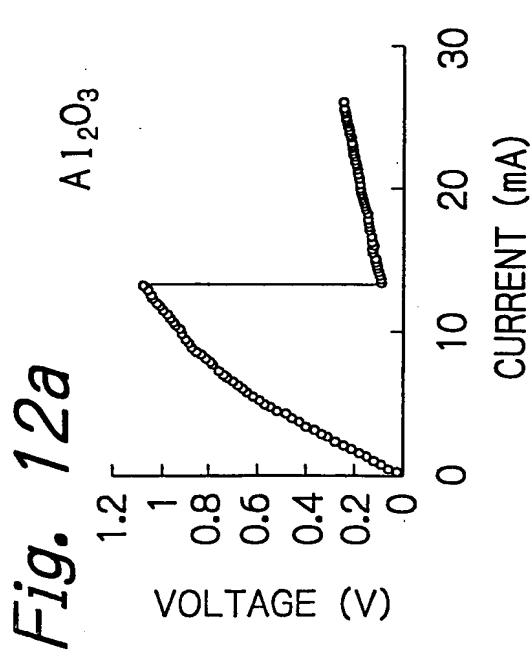
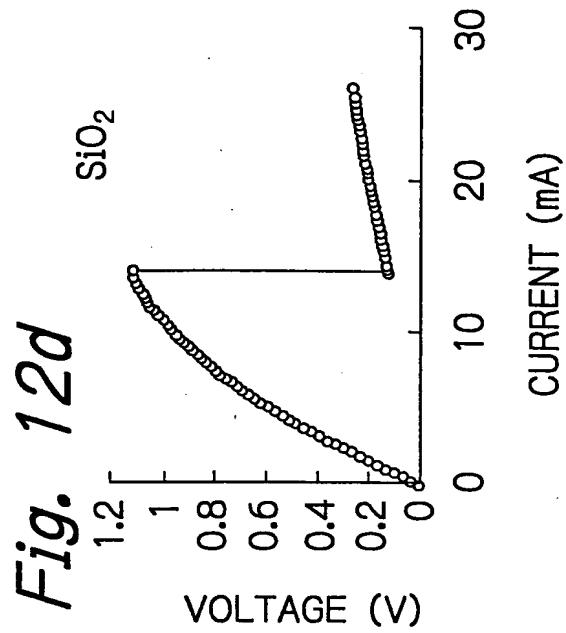
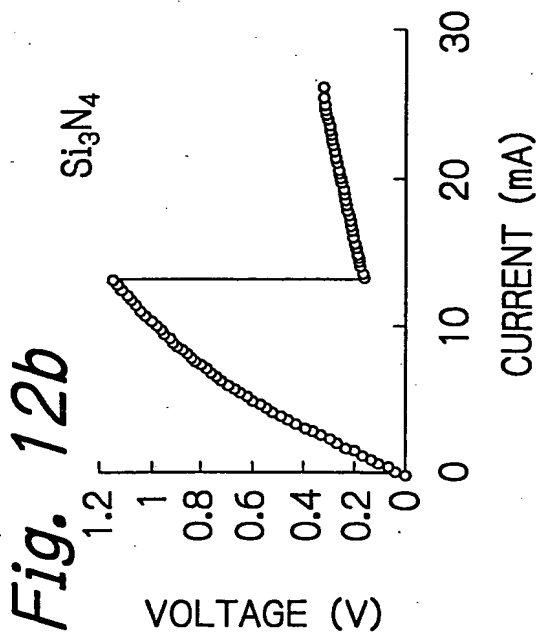


Fig. 11





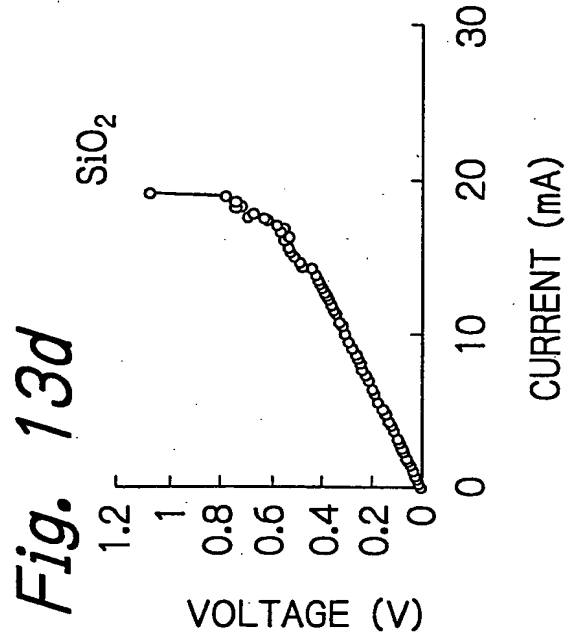
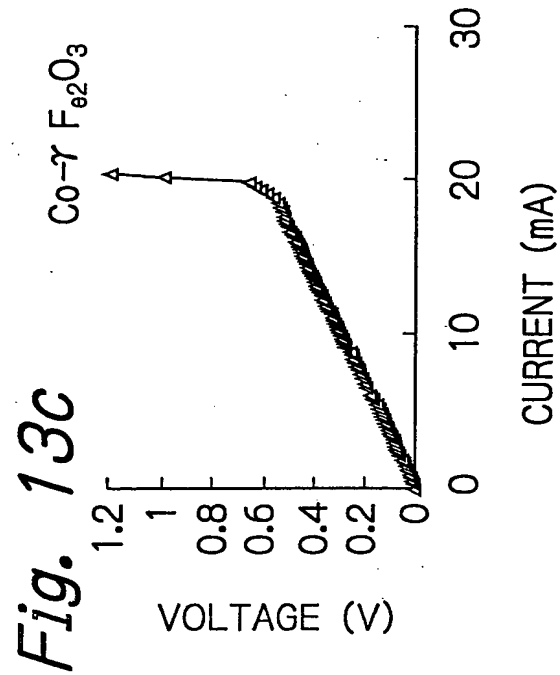
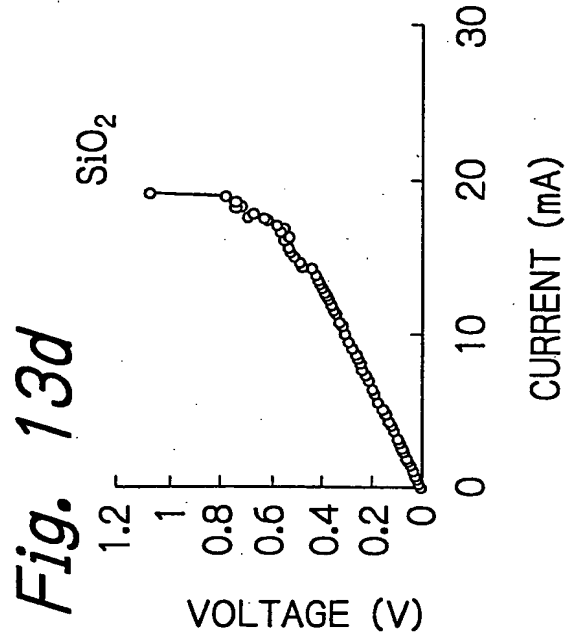
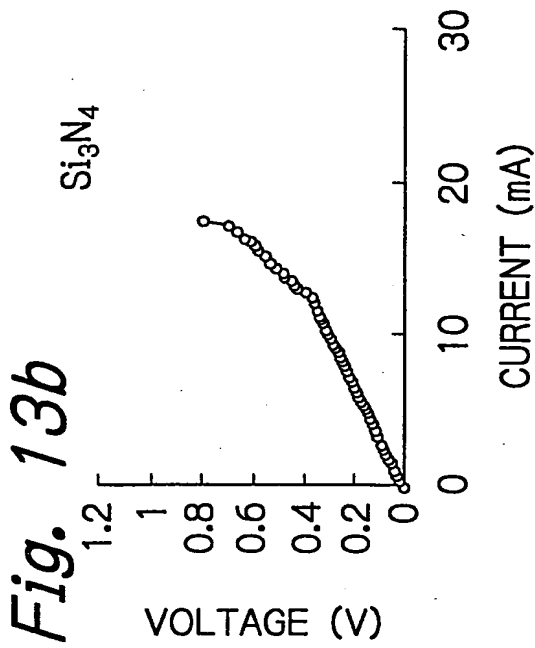


Fig. 14

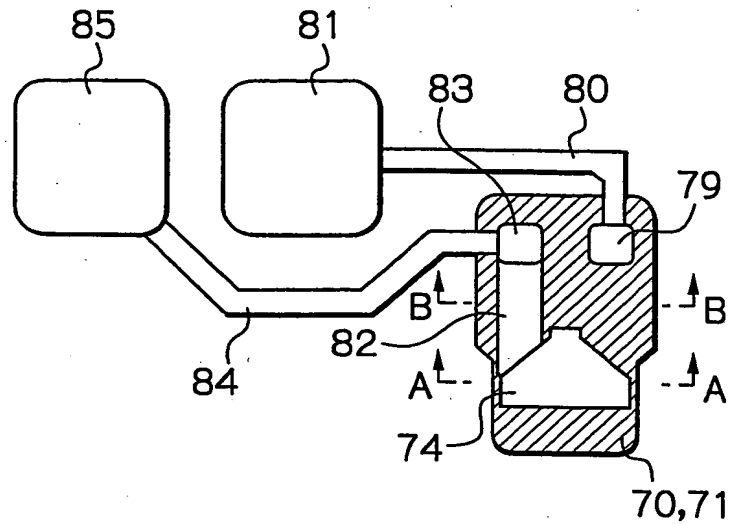


Fig. 15

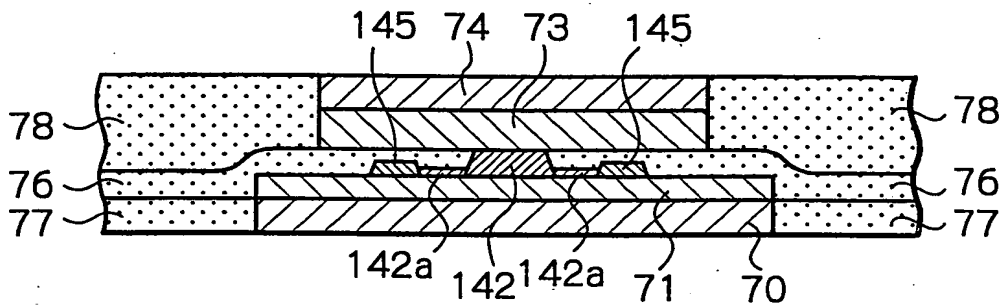


Fig. 16

